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Weekly Coal Production

Energy
Information
Administration

Production for Week Ended:
February 8, 1992

NOTICE

The Energy Information Administration is not planning to publish the monthly Domestic Market Supplement in this report after the December 1991 data are published in March 1992. These data will be incorporated into the Quarterly Coal Report (QCR) publication beginning with the January through March 1992 data, which will be published in the QCR in July 1992.

Preface

The *Weekly Coal Production (WCP)* report provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.

This publication is prepared by the Survey Management Division, Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report, Coal Production 1990,* and *Coal Data: A Reference.*

This publication was prepared by Wayne M. Watson under the direction of Mary K. Paull, Team Leader, Coal Data Systems, and Noel C. Balthasar, Chief, Coal and Uranium Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800).*

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Summary

U.S. coal production in the week ended February 8, 1992, as estimated by the Energy Information Administration, totaled 19 million short tons. This was about the same as in the previous week, and 7 percent lower than in the comparable week in 1991.

Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 8 million short tons.

This report contains final 1990 electric utility data for generation, consumption, stocks and receipts.

Coal consumption at electric utility plants in November 1991 totaled 64 million short tons, which was 3 million short tons more than in November 1990. Total coal consumption at electric utility plants for the first 1 months of 1991 was 706 million short tons, about th same as in the comparable period in 1990.

Electric utility coal stocks were 159 million short ton on November 30, 1991. This was 2 million short ton less than the level a year earlier.

Coal receipts at electric utility plants in October 199 were 66 million short tons, which was 3 million shor tons lower than in October 1990. Total coal receipt at electric utility plants for the first 10 months of 199 totaled 639 million short tons. This was a 20 millio short tons decrease from the comparable period i 1990, reflecting a draw-down of coal stocks at electri utilities during 1991.

Figure 1. Coal Production

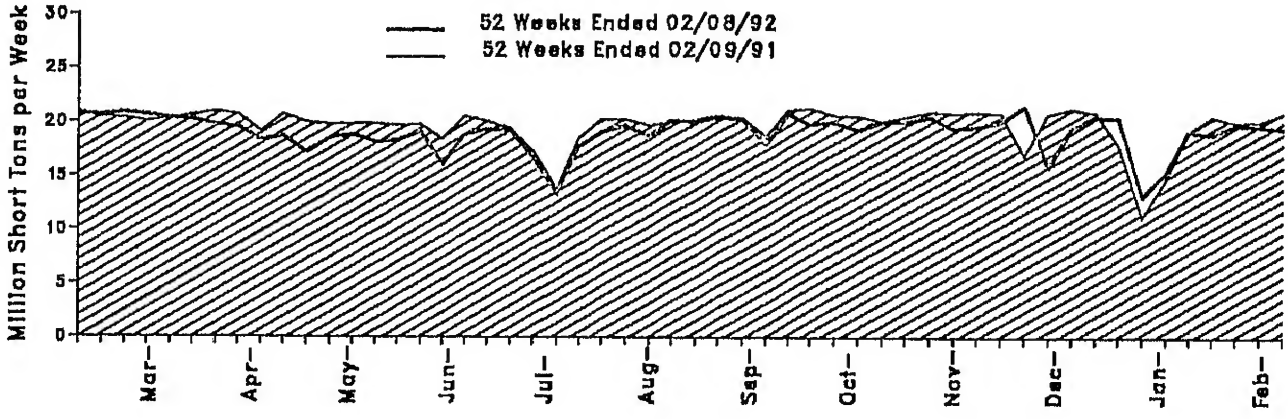

Table 1. Weekly U.S. Coal Production Overview

Production and Carloadings	Week Ended			52 Weeks Ended		
	02/08/92	02/01/92	02/09/91	02/08/92	02/09/91	Percent Change
Production (Thousand Short Tons)						
Bituminous Coal[1] and Lignite	19,336	19,521	20,760	984,435	1,017,116	-3.2
Pennsylvania Anthracite	48	56	53	2,867	3,442	-16.7
U.S. Total	19,384	19,577	20,813	987,302	1,020,558	-3.3
Railroad Cars Loaded	124,679	125,849	131,440	6,493,197	6,641,872	

[1] Includes subbituminous coal.
Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.
Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Weekly U.S. Coal Production by Region and State
(Thousand Short Tons)

Region and State	Week Ended		
	02/08/92	02/01/92	02/09/91
Bituminous Coal[1] and Lignite			
East of the Mississippi	11,401	11,486	12,254
Alabama	608	590	588
Illinois	1,201	1,164	1,257
Indiana	587	601	556
Kentucky	3,020	2,935	3,430
Kentucky, Eastern	2,210	2,126	2,448
Kentucky, Western	811	809	982
Maryland	69	66	79
Ohio	551	611	636
Pennsylvania Bituminous	1,111	1,313	1,190
Tennessee	92	90	102
Virginia	852	835	948
West Virginia	3,309	3,280	3,469
West of the Mississippi	7,935	8,034	8,505
Alaska	36	36	26
Arizona	224	226	284
Arkansas	*	*	*
Colorado	367	249	469
Iowa	7	7	8
Kansas	11	8	10
Louisiana	29	24	52
Missouri	42	42	39
Montana	778	824	753
New Mexico	463	566	408
North Dakota	589	624	644
Oklahoma	57	50	30
Texas	983	993	1,051
Utah	463	315	536
Washington	96	97	105
Wyoming	3,792	3,972	4,091
Bituminous Coal[1] and Lignite Total	19,336	19,521	20,760
Pennsylvania Anthracite	48	56	53
U.S. Total	19,384	19,577	20,813

[1] Includes subbituminous coal.
* Less than 0.5 thousand short tons.
Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.
Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Supply and Demand, 1982-1991
(Thousand Short Tons)

Year and Month	Production	Consumption	Imports	Exports	Total Stocks[1]
1982	838,112	706,911	742	106,277	232,039
1983	782,091	736,672	1,271	77,772	202,585
1984	895,921	791,296	1,286	81,483	231,301
1985	883,638	818,049	1,952	92,680	203,367
1986	890,315	804,312	2,212	85,518	207,319
1987	918,762	836,941	1,747	79,607	213,780
1988	950,265	883,664	2,134	95,023	188,831
1989					
January	82,331	77,638	66	6,306	185,952
February	75,414	73,391	131	6,748	181,866
March	89,421	72,834	334	8,375	184,630
April	77,456	66,355	158	9,104	188,578
May	82,776	68,438	312	9,685	193,282
June	78,795	73,372	218	9,657	189,507
July	66,601	79,619	375	6,209	175,341
August	91,349	80,170	247	8,122	174,372
September	85,115	72,413	303	9,661	176,013
October	89,873	71,200	160	9,293	182,271
November	87,236	71,653	245	9,768	186,915
December	74,363	83,478	303	7,888	175,087
Total	980,729	890,559	2,851	100,815	
1990					
January	90,561	77,041	175	7,447	179,459
February	82,021	68,369	268	6,243	186,448
March	91,602	71,308	292	8,693	195,842
April	83,167	67,851	182	8,590	203,424
May	86,519	69,127	144	9,827	210,094
June	84,592	75,081	348	9,316	209,956
July	79,798	81,435	200	9,194	200,970
August	91,842	83,115	120	10,065	197,284
September	83,120	76,742	194	10,238	195,298
October	93,424	75,098	284	8,756	201,683
November	86,763	71,855	224	9,621	206,348
December	75,666	79,405	268	7,813	201,629
Total	1,029,076	890,427	2,699	105,804	
1991					
January	86,058	81,734	263	6,214	196,651
February	82,835	68,309	429	8,127	202,570
March	85,271	69,321	246	7,977	209,852
April	79,554	64,394	198	6,917	215,146
May	80,141	70,214	248	10,018	217,347
June	77,131	74,716	284	9,278	212,796
July	79,873	81,245	348	10,099	204,562
August	89,131	81,244	248	10,541	199,633
September	81,789	73,943	387	10,557	197,960
October	90,441	NA	214	9,244	NA
November	81,845	NA	298	10,602	NA
December	79,414	NA	NA	NA	NA

[1] The residential and commercial sector is not included. Stocks are reported as of the last day of the period.
NA Not available.
Note: Total may not equal sum of components because of independent rounding.
Sources: **Production:** Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. **Imports:** Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145." **Exports:** Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522." **Consumption and Consumer Stocks:** EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."

Table 4. Coal Consumption, 1982-1991
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial[1]		
1982	593,666	40,908	64,097	8,240	706,911
1983	625,211	37,033	65,980	8,448	736,672
1984	664,399	44,022	73,745	9,130	791,296
1985	693,841	41,056	75,372	7,779	818,049
1986	685,056	36,006	75,583	7,667	804,312
1987	717,894	36,957	75,175	6,914	836,941
1988	758,372	41,910	76,252	7,130	883,664
1989					
January	66,767	3,568	6,671	632	77,638
February	62,784	3,295	6,619	693	73,391
March	62,005	3,722	6,595	512	72,834
April	56,144	3,613	6,088	511	66,355
May	58,527	3,525	6,050	336	68,438
June	63,635	3,368	6,073	296	73,372
July	69,720	3,527	5,875	496	79,619
August	70,493	3,336	5,891	449	80,170
September	62,910	3,320	5,865	318	72,413
October	60,561	3,599	6,829	210	71,200
November	61,006	3,301	6,815	530	71,653
December	72,336	3,195	6,764	1,184	83,478
Total	766,888	41,369	76,134	6,167	890,559
1990					
January	66,441	3,354	6,533	713	77,041
February	58,112	3,025	6,576	656	68,369
March	60,885	3,369	6,504	551	71,308
April	57,937	3,357	6,025	532	67,851
May	59,260	3,501	6,007	360	69,127
June	65,340	3,331	6,037	373	75,081
July	71,551	3,275	6,075	535	81,435
August	73,106	3,397	6,113	498	83,115
September	67,001	3,276	6,056	409	76,742
October	64,381	3,450	6,853	413	75,098
November	61,041	3,351	6,838	624	71,855
December	68,493	3,139	6,713	1,059	79,405
Total	773,549	39,824	76,330	6,724	896,427
1991					
January	71,190	3,031	6,651	862	81,734
February	58,443	2,566	6,695	605	68,309
March	59,195	2,985	6,601	541	69,321
April	55,483	2,675	5,791	445	64,394
May	61,298	2,710	5,841	365	70,214
June	65,777	2,690	5,893	355	74,716
July	71,862	2,929	6,027	427	81,245
August	71,919	2,916	6,023	387	81,244
September	64,652	2,932	6,039	320	73,943
October	61,948	NA	NA	NA	NA
November	63,830	NA	NA	NA	NA

[1] Includes transportation.
NA Not available.
Note: Total may not equal sum of components because of independent rounding.
Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report." Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 5. Coal Stocks, 1982-1991
(Thousand Short Tons)

Year and Month[1]	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial[2]	Total	
1982	181,132	4,642	9,479	195,254	36,784
1983	155,598	4,346	8,710	168,654	33,931
1984	179,727	6,166	11,317	197,211	34,090
1985	156,376	3,420	10,438	170,234	33,133
1986	161,806	2,992	10,429	175,226	32,093
1987	170,797	3,884	10,777	185,458	28,321
1988	146,507	3,137	8,768	158,413	30,418
1989					
January	142,538	3,264	8,073	153,876	32,076
February	137,363	3,391	7,378	148,132	33,734
March	139,036	3,518	6,683	149,238	35,392
April	144,674	3,466	6,679	154,819	33,759
May	151,067	3,413	6,675	161,155	32,127
June	148,981	3,361	6,671	159,013	30,494
July	134,865	3,476	7,054	145,395	29,946
August	133,948	3,591	7,436	144,975	29,397
September	135,640	3,707	7,818	147,165	28,848
October	142,280	3,426	7,666	153,372	28,899
November	147,207	3,145	7,515	157,866	28,949
December	135,860	2,864	7,363	146,087	29,000
1990					
January	138,067	3,123	7,237	148,426	31,033
February	142,890	3,382	7,110	153,382	33,066
March	150,118	3,641	6,984	160,743	35,099
April	156,925	3,674	7,127	167,726	35,698
May	162,821	3,706	7,270	173,798	36,296
June	161,908	3,739	7,413	173,061	36,895
July	153,957	3,387	7,810	165,153	35,816
August	151,085	3,255	8,206	162,546	34,738
September	149,913	3,124	8,603	161,639	33,659
October	156,271	3,192	8,640	168,104	33,579
November	160,911	3,260	8,678	172,850	33,499
December	156,166	3,329	8,716	168,210	33,418
1991					
January	148,736	3,262	8,226	160,224	36,428
February	152,202	3,196	7,735	163,133	39,437
March	157,031	3,130	7,245	167,406	42,446
April	162,804	3,181	7,113	173,098	42,049
May	165,483	3,232	6,982	175,696	41,651
June	161,410	3,283	6,850	171,543	41,253
July	155,668	3,087	6,986	165,741	38,821
August	153,231	2,891	7,122	163,244	36,389
September	154,051	2,695	7,257	164,004	33,957
October	158,813	NA	NA	NA	NA
November	158,605	NA	NA	NA	NA

[1] Reported as of the last day of the period.
[2] Manufacturing plants only.
NA Not available.
Note: Total may not equal sum of components because of independent rounding.
Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants." Producers and Distributors: Form EIA-6, "Coal Distribution Report."

Table 6. Coal Statistics for Electric Utilities, 1982-1991

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh[1]	Percent[2]	
1982	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
1989								
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	56,634	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.28	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January	67,636	82.7	145	1.30	66,441	132,623	55.9	138,067
February	62,298	82.1	147	1.30	58,112	116,071	54.5	142,890
March	67,536	81.9	146	1.31	60,885	123,139	54.5	150,118
April	63,888	82.8	147	1.30	57,937	117,260	55.6	156,925
May	64,958	83.1	148	1.30	59,260	119,785	53.7	162,821
June	63,649	82.4	147	1.29	65,340	132,624	53.2	161,908
July	63,427	82.7	145	1.26	71,551	144,359	54.2	153,957
August	70,571	83.5	144	1.29	73,106	147,305	54.9	151,085
September	65,715	82.2	145	1.28	67,001	135,493	56.9	149,913
October	69,170	82.2	146	1.28	64,381	130,182	57.9	156,271
November	65,393	82.2	145	1.27	61,041	124,003	58.0	160,911
December	62,386	81.6	142	1.26	68,493	136,762	57.6	156,166
Total	786,627	82.5	145	1.29	773,549	1,559,006	55.5	
1991								
January	63,356	84.5	146	1.26	71,190	141,677	57.1	148,736
February	61,059	85.6	147	1.26	58,443	117,536	55.8	152,202
March	63,537	86.6	145	1.27	59,195	118,066	53.4	157,031
April	60,747	87.1	147	1.26	55,483	112,177	53.7	162,804
May	63,005	86.3	148	1.26	61,298	123,664	52.8	165,483
June	61,488	86.6	147	1.27	65,777	131,681	53.1	161,410
July	64,752	86.3	143	1.24	71,862	143,586	52.9	155,668
August	69,552	85.6	143	1.25	71,919	143,898	53.8	153,231
September	65,071	85.5	143	1.26	64,652	129,244	55.3	154,051
October	66,043	84.1	144	1.25	61,948	125,327	56.2	158,813
November	NA	NA	NA	NA	63,830	128,973	58.4	158,605

[1] Kilowatthours

[2] Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: **Receipts:** Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." **Consumption, Stocks and Generation:** Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal-Fired Net Generation, November 1991
(Million Kilowatthours)

Census Division and State	November 1991	November 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England	1,439	1,474	-2.4	15,490	14,919	3.8	19.5	17.4
Connecticut	187	219	-14.7	1,886	2,140	-11.8	8.5	7.3
Maine	-	-	-	-	-	-	-	-
Massachusetts	1,025	970	5.7	10,716	10,162	5.4	32.9	30.2
New Hampshire	226	285	-20.7	2,888	2,617	10.3	25.6	27.8
Rhode Island	-	0	-	0	0	-	.0	.0
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	9,904	10,041	-1.4	119,218	122,403	-2.6	39.9	40.5
New Jersey	664	415	59.8	4,526	6,534	-30.7	13.3	19.7
New York	2,143	1,829	17.2	22,597	22,553	.2	19.6	19.1
Pennsylvania	7,097	7,797	-9.0	92,094	93,316	-1.3	61.9	61.7
East North Central	30,024	28,438	5.6	334,737	330,866	1.2	73.3	74.3
Illinois	4,587	3,885	18.1	49,784	49,094	1.4	42.6	42.3
Indiana	8,059	7,006	15.0	88,345	87,990	.4	98.4	98.2
Michigan	4,872	5,209	-6.5	60,109	59,444	1.1	69.5	72.1
Ohio	9,782	9,732	.5	105,761	104,983	.7	87.8	90.6
Wisconsin	2,723	2,607	4.5	30,739	29,355	4.7	71.4	70.8
West North Central	13,914	12,950	7.4	149,810	149,700	.1	74.3	75.5
Iowa	2,205	1,729	27.5	23,545	22,508	4.6	82.8	85.6
Kansas	2,315	1,745	32.7	21,172	21,771	-2.8	70.5	70.3
Minnesota	2,134	2,088	2.2	22,650	24,996	-9.4	63.8	66.4
Missouri	3,635	4,085	-11.0	44,234	43,885	.8	79.8	82.1
Nebraska	1,055	893	18.2	12,360	11,587	6.7	58.5	58.7
North Dakota	2,311	2,194	5.3	23,335	22,755	2.5	93.5	93.5
South Dakota	258	216	19.8	2,514	2,198	14.3	41.1	37.3
South Atlantic	26,093	26,012	.3	285,851	294,765	-3.0	57.5	60.0
Delaware	338	438	-22.8	4,270	4,496	-5.0	61.2	68.0
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,633	4,030	15.0	56,083	54,016	3.8	46.3	47.1
Georgia	5,231	5,169	1.2	56,009	62,297	-10.1	66.9	69.5
Maryland	1,581	2,008	-21.3	20,759	21,390	-3.0	59.7	74.1
North Carolina	4,575	4,051	12.9	42,663	43,061	-.9	55.9	58.2
South Carolina	2,098	1,686	24.5	21,273	21,043	1.1	33.0	33.3
Virginia	1,587	2,121	-25.2	20,002	18,898	5.8	44.7	43.6
West Virginia	6,048	6,510	-7.1	64,792	69,585	-6.9	99.2	99.1
East South Central	15,540	14,906	4.3	170,001	168,328	1.0	72.0	74.2
Alabama	5,021	4,377	14.7	53,396	48,892	9.2	69.0	69.6
Kentucky	6,090	5,364	13.5	65,642	64,729	1.4	95.0	95.6
Mississippi	560	521	11.4	8,007	8,919	-10.2	37.1	41.1
Tennessee	3,849	4,645	-17.1	42,957	45,788	-6.2	63.2	68.2
West South Central	14,229	14,200	.2	166,461	163,794	1.6	47.6	47.6
Arkansas	1,458	1,445	.9	18,135	17,164	5.7	51.8	50.6
Louisiana	1,396	1,484	-6.0	17,051	16,121	5.8	32.1	30.1
Oklahoma	2,180	2,161	.9	23,724	22,752	4.3	57.3	54.9
Texas	9,195	9,110	.9	107,551	107,757	-.2	48.9	50.0
Mountain	16,544	15,171	9.0	164,582	170,257	-3.3	72.7	75.8
Arizona	3,025	2,124	42.4	29,164	29,137	.1	47.6	51.8
Colorado	2,426	2,325	4.4	26,249	26,858	-2.3	93.3	94.5
Idaho	-	-	-	-	-	-	-	-
Montana	1,559	1,418	10.0	14,584	13,321	9.5	56.9	57.7
Nevada	1,563	1,566	-.2	14,277	13,452	6.1	76.8	77.4
New Mexico	2,250	1,854	21.3	19,967	23,633	-15.5	87.9	90.4
Utah	2,176	2,525	-13.8	26,137	28,721	-9.0	95.8	97.7
Wyoming	3,545	3,359	5.6	34,204	35,136	-2.7	97.8	98.2
Pacific	1,286	810	58.7	9,678	7,792	24.2	4.0	3.1
California	-	-	-	-	-	-	-	-
Oregon	322	264	21.7	2,444	965	153.3	5.7	2.2
Washington	935	534	75.1	6,939	6,548	6.0	7.4	7.2
Alaska	30	12	142.7	296	279	5.9	7.5	6.9
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	128,973	124,003	4.0	1,415,828	1,422,844	-.5	54.7	55.3

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal Consumption at Electric Utility Plants, November 1991
(Thousand Short Tons)

Census Division and State	November 1991	October 1991	November 1990	Year to Date		
				1991	1990	Percent Change
New England	532	484	550	5,796	5,682	2.0
Connecticut	70	24	88	753	872	-13.6
Massachusetts	374	367	351	3,912	3,797	3.0
New Hampshire	88	93	111	1,131	1,013	11.6
Rhode Island	-	-	0	0	0	-
Middle Atlantic	4,004	3,879	4,047	48,198	49,607	-2.8
New Jersey	254	140	156	1,800	2,524	-28.7
New York	861	822	756	9,064	9,154	-1.0
Pennsylvania	2,890	2,917	3,136	37,334	37,929	-1.6
East North Central	14,182	14,052	13,237	158,972	156,757	1.4
Illinois	2,373	2,270	1,936	25,587	24,947	2.6
Indiana	3,923	3,910	3,405	43,676	43,628	.1
Michigan	2,283	2,364	2,363	27,688	27,069	2.3
Ohio	4,098	3,913	4,065	44,801	44,578	.5
Wisconsin	1,505	1,595	1,469	17,220	16,535	4.1
West North Central	8,999	8,685	8,125	95,379	93,857	1.6
Iowa	1,367	1,414	1,077	14,444	13,871	4.1
Kansas	1,439	1,282	1,113	13,325	13,785	-3.3
Minnesota	1,417	1,292	1,274	14,897	15,337	-2.9
Missouri	1,868	1,975	2,021	22,463	21,893	2.6
Nebraska	671	632	569	7,763	7,341	5.8
North Dakota	1,992	1,866	1,867	20,111	19,547	2.9
South Dakota	244	224	204	2,376	2,084	14.0
South Atlantic	10,181	9,680	10,311	113,970	117,265	-2.8
Delaware	148	149	183	1,815	1,882	-3.6
Florida	1,861	2,157	1,648	22,857	21,971	4.0
Georgia	2,097	1,871	2,175	23,227	25,601	-9.3
Maryland	585	705	758	7,920	8,203	-3.5
North Carolina	1,712	1,382	1,542	16,620	16,612	*
South Carolina	815	868	672	8,457	8,425	.4
Virginia	610	637	815	7,806	7,414	5.3
West Virginia	2,352	1,911	2,519	25,268	27,156	-7.0
East South Central	6,415	6,255	6,223	71,796	71,155	.9
Alabama	2,038	2,069	1,788	22,017	20,175	9.1
Kentucky	2,602	2,481	2,311	28,792	28,327	1.6
Mississippi	236	284	219	3,303	3,662	-9.8
Tennessee	1,539	1,421	1,906	17,685	18,991	-6.9
West South Central	9,789	9,435	9,810	116,109	114,157	1.7
Arkansas	906	879	907	11,085	10,611	4.5
Louisiana	887	922	955	11,182	10,616	5.3
Oklahoma	1,305	1,121	1,280	14,226	13,407	6.1
Texas	6,691	6,514	6,668	79,615	79,523	.1
Mountain	8,899	8,614	9,179	88,949	91,358	-2.6
Arizona	1,492	1,584	1,033	14,544	14,514	.2
Colorado	1,233	1,258	1,267	14,003	14,443	-3.0
Montana	927	1,021	885	9,248	8,401	10.1
Nevada	757	559	771	7,145	6,502	9.9
New Mexico	1,290	1,281	1,093	11,527	13,790	-16.4
Utah	1,028	1,160	1,090	11,572	12,348	-6.3
Wyoming	2,172	1,752	2,040	20,911	21,361	-2.1
Pacific	830	864	557	6,429	5,219	23.2
Oregon	204	236	172	1,599	634	152.1
Washington	599	595	373	4,560	4,322	5.5
Alaska	26	32	13	270	262	2.8
U.S. Total	63,830	61,948	61,041	705,597	705,058	.1

* For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 9. Coal Stocks at Electric Utility Plants, November 1991
(Thousand Short Tons)

Census Division and State	November 30, 1991	October 31, 1991	November 30, 1990	Percent Change November 30: 1991 versus 1990
New England	1,169	1,107	1,148	1.8
Connecticut	151	154	156	-3.1
Massachusetts	613	589	626	-2.1
New Hampshire	405	364	338	19.8
Rhode Island	-	-	28	-
Middle Atlantic	17,119	17,340	17,392	-1.6
New Jersey	813	910	748	8.7
New York	1,739	1,844	1,907	-8.8
Pennsylvania	14,567	14,585	14,737	-1.2
East North Central	39,467	38,993	42,155	-6.4
Illinois	6,968	7,130	7,676	-9.2
Indiana	9,644	9,138	10,994	-12.3
Michigan	8,416	8,209	9,573	-12.1
Ohio	10,344	10,396	9,968	3.8
Wisconsin	4,094	4,120	3,945	3.8
West North Central	19,838	20,549	20,472	-3.1
Iowa	4,622	4,761	4,667	-1.0
Kansas	3,504	3,781	3,693	-5.1
Minnesota	2,538	2,581	2,437	4.2
Missouri	5,093	5,071	4,813	5.8
Nebraska	1,780	1,850	1,682	5.8
North Dakota	2,005	2,222	2,885	-30.5
South Dakota	296	284	295	.4
South Atlantic	28,489	28,611	27,685	2.9
Delaware	450	375	409	10.0
Florida	4,965	4,784	4,911	1.1
Georgia	5,190	5,862	5,491	-5.5
Maryland	2,314	2,193	2,030	14.0
North Carolina	4,556	4,497	4,322	5.4
South Carolina	1,839	1,905	2,005	-8.3
Virginia	1,560	1,451	1,515	2.9
West Virginia	7,614	7,545	7,002	8.7
East South Central	14,016	13,836	15,944	-12.1
Alabama	4,163	4,038	3,981	4.6
Kentucky	5,940	5,915	7,632	-22.2
Mississippi	869	804	743	16.8
Tennessee	3,044	3,080	3,588	-15.2
West South Central	17,990	17,462	16,178	11.2
Arkansas	1,821	1,842	1,469	23.9
Louisiana	2,433	2,114	2,578	-5.6
Oklahoma	2,783	2,875	2,864	-2.8
Texas	10,953	10,632	9,267	18.2
Mountain	18,401	18,529	17,788	3.4
Arizona	4,229	4,235	3,194	32.4
Colorado	3,603	3,577	3,617	-.4
Montana	887	858	947	-6.3
Nevada	1,455	1,435	1,298	12.0
New Mexico	1,326	1,413	1,480	-10.4
Utah	4,218	4,247	3,927	7.4
Wyoming	2,683	2,765	3,325	-19.3
Pacific	2,118	2,386	2,149	-1.4
Oregon	778	857	662	17.4
Washington	1,332	1,522	1,470	-9.4
Alaska	7	8	16	-52.5
U.S. Total	158,605	158,813	160,911	-1.4

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 10. Coal Receipts at Electric Utility Plants, October 1991
(Thousand Short Tons)

Census Division and State	October 1991	September 1991	October 1990	Year to Date		
				1991	1990	Percent Change
New England	582	541	512	5,275	5,272	0.1
Connecticut	80	26	64	697	814	-14.4
Massachusetts	392	350	339	3,505	3,449	1.6
New Hampshire	111	166	109	1,074	1,009	6.5
Middle Atlantic	4,667	4,638	4,982	44,374	49,621	-10.6
New Jersey	104	173	196	1,720	2,425	-29.1
New York	880	893	948	7,771	8,783	-11.5
Pennsylvania	3,682	3,573	3,839	34,883	38,413	-9.2
East North Central	15,477	14,194	15,812	142,188	146,129	-2.7
Illinois	2,232	2,025	2,411	22,846	22,108	3.3
Indiana	4,554	3,829	4,238	37,809	41,547	-9.0
Michigan	3,035	2,650	3,298	24,534	24,678	-.6
Ohio	3,885	4,002	4,290	40,896	42,893	-4.7
Wisconsin	1,769	1,688	1,575	16,104	14,903	8.1
West North Central	8,570	8,705	8,796	87,282	85,893	1.6
Iowa	1,371	1,466	1,555	13,676	13,181	3.7
Kansas	1,051	1,551	1,413	11,891	13,139	-9.5
Minnesota	1,404	1,238	1,521	13,460	13,759	-2.2
Missouri	2,078	2,056	2,099	21,116	20,156	4.8
Nebraska	755	751	504	7,417	6,815	8.8
North Dakota	1,716	1,630	1,591	17,814	17,196	3.6
South Dakota	196	12	114	1,908	1,647	15.8
South Atlantic	11,282	10,781	12,022	103,907	113,181	-8.2
Delaware	189	158	203	1,624	1,797	-9.6
Florida	2,146	1,985	1,994	20,558	20,400	.8
Georgia	1,991	2,191	2,450	21,333	23,436	-9.0
Maryland	843	888	784	7,442	8,430	-11.7
North Carolina	1,780	1,511	2,014	14,764	16,580	-11.0
South Carolina	783	778	842	7,549	7,867	-4.0
Virginia	868	804	856	7,012	6,738	4.1
West Virginia	2,681	2,466	2,877	23,625	27,933	-15.4
East South Central	6,490	6,322	7,269	64,217	69,737	-7.9
Alabama	2,309	2,147	2,093	20,366	18,641	9.3
Kentucky	2,525	2,460	2,888	25,221	29,966	-15.8
Mississippi	303	311	361	3,095	3,330	-7.1
Tennessee	1,352	1,403	1,926	15,534	17,801	-12.7
West South Central	9,810	10,860	10,131	104,230	100,573	3.6
Arkansas	980	906	933	10,368	8,801	17.8
Louisiana	1,161	1,119	1,111	9,950	9,433	5.5
Oklahoma	1,198	1,392	1,093	13,139	11,994	9.5
Texas	6,471	7,444	7,005	70,773	70,346	.6
Mountain	8,534	8,487	9,052	81,590	83,512	-2.3
Arizona	1,656	1,500	1,512	13,955	13,048	7.0
Colorado	1,288	1,242	1,262	12,894	12,845	.4
Montana	1,052	915	962	8,415	7,610	10.6
Nevada	411	606	560	6,563	6,181	6.2
New Mexico	1,381	1,101	1,350	10,336	12,864	-19.7
Utah	973	1,246	1,356	11,125	12,080	-7.9
Wyoming	1,773	1,877	2,052	18,303	18,884	-3.1
Pacific	630	543	594	5,548	4,931	12.5
Oregon	138	113	224	1,492	627	138.1
Washington	492	430	370	4,054	4,304	-5.8
U.S. Total	66,043	65,071	69,170	638,610	658,848	-3.1

Note: Total may not equal sum of components because of independent rounding.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Quality and Price of Coal Receipts at Electric Utility Plants, October 1991

Census Division and State	October 1991		October 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.86	177	1.04	180	0.88	179	0.97	180	-9.1	-0.4
Connecticut	.41	210	.41	221	.41	214	.41	212	1.3	1.0
Massachusetts	.92	172	.97	174	.93	173	.96	173	-3.2	.3
New Hampshire	.97	172	1.62	175	1.04	175	1.46	178	-29.0	-1.2
Mid Atlantic	1.68	158	1.66	156	1.64	155	1.65	155	-.9	.2
New Jersey	1.56	169	.96	184	.95	178	.85	180	11.3	-.7
New York	1.39	154	1.38	163	1.37	160	1.43	161	-4.4	-.9
Pennsylvania	1.76	158	1.77	153	1.74	153	1.76	152	-1.3	.8
East North Central	1.61	145	1.66	150	1.65	150	1.65	151	.3	-.9
Illinois	2.01	162	1.89	176	1.84	172	1.91	176	-3.7	-2.1
Indiana	1.80	132	2.07	134	1.89	137	1.94	137	-2.4	-.5
Michigan	.61	150	.64	155	.63	161	.63	161	-1.3	-.2
Ohio	2.22	149	2.15	151	2.19	149	2.05	151	6.7	-1.8
Wisconsin	.85	136	.85	138	.85	136	.85	137	-.7	-.3
West North Central	1.05	108	1.07	113	1.07	114	1.11	114	-3.4	-.5
Iowa	.81	116	.94	118	.80	113	.82	114	-2.3	-1.0
Kansas	.51	119	.69	123	.63	123	.69	125	-8.5	-1.7
Minnesota	.55	112	.60	111	.54	128	.57	128	-6.2	.5
Missouri	1.81	129	1.77	134	1.80	135	1.94	135	-7.1	-.1
Nebraska	.41	70	.39	71	.41	76	.42	76	-1.3	-.5
North Dakota	1.16	69	1.17	69	1.28	71	1.22	69	4.5	3.3
South Dakota	1.40	112	.72	114	1.45	114	1.50	115	-3.1	-1.3
South Atlantic	1.24	169	1.20	170	1.21	170	1.23	169	-1.2	.8
Delaware	.68	177	.78	179	.75	178	.73	182	2.2	-2.5
Florida	1.45	182	1.41	185	1.40	186	1.41	185	-1.0	.8
Georgia	1.42	185	1.33	180	1.34	179	1.38	178	-2.6	.3
Maryland	1.07	163	1.12	167	1.03	163	1.13	165	-8.9	-.9
North Carolina	.76	174	.76	177	.75	179	.76	178	-.8	.6
South Carolina	.94	153	.96	174	.95	165	.94	172	1.0	-4.1
Virginia	.78	150	.78	154	.79	153	.75	155	4.2	-1.2
West Virginia	1.61	154	1.52	150	1.54	152	1.52	147	1.4	3.2
East South Central	1.60	143	1.72	143	1.70	143	1.78	144	-4.7	-.8
Alabama	1.11	178	1.23	179	1.17	182	1.25	185	-6.1	-1.9
Kentucky	2.15	116	2.19	118	2.22	118	2.25	119	-1.7	-1.2
Mississippi	1.22	162	1.25	167	1.27	168	1.32	165	-4.0	2.1
Tennessee	1.52	126	1.69	135	1.68	125	1.67	136	.6	-8.2
West South Central	.81	157	.86	153	.83	151	.84	149	-1.4	1.3
Arkansas	.36	157	.40	164	.37	161	.39	163	-5.9	-1.1
Louisiana	.63	156	.61	172	.59	166	.60	170	-2.4	-2.0
Oklahoma	.54	134	.58	136	.49	132	.54	139	-7.6	-5.0
Texas	1.00	162	1.03	151	1.03	151	1.01	146	1.7	3.4
Mountain	.56	113	.57	115	.55	114	.56	113	-2.3	.6
Arizona	.48	142	.47	139	.50	142	.47	144	6.8	-1.6
Colorado	.37	111	.37	106	.38	109	.39	107	-3.2	1.6
Montana	.82	64	.78	70	.77	67	.74	65	3.7	3.8
Nevada	.45	184	.50	146	.45	142	.47	151	-5.8	-5.9
New Mexico	.85	128	.86	139	.88	138	.87	131	1.0	5.5
Utah	.40	110	.43	126	.40	119	.44	115	-8.0	4.0
Wyoming	.56	83	.64	85	.53	84	.61	84	-3.2	*
Pacific	.74	145	.70	136	.70	142	.81	152	-13.7	-6.6
Oregon	.39	109	.39	107	.37	109	.37	109	-.9	-.7
Washington	.85	156	.90	153	.83	155	.88	158	-5.4	-2.2
U.S. Total	1.25	144	1.28	146	1.26	145	1.29	146	-2.4	-.3

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Quality and Price of Contract Coal Receipts at Electric Utility Plants, October 1991

Census Division and State	October 1991		October 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.92	179	1.03	180	0.89	180	0.98	180	-8.6	0.5
Connecticut	.42	226	.41	221	.41	220	.41	214	1.9	2.4
Massachusetts	1.00	173	.94	173	.95	173	.98	169	-3.3	2.3
New Hampshire	.97	172	1.62	175	1.06	175	1.50	177	-29.4	-.8
Mid Atlantic	1.76	165	1.71	159	1.70	161	1.72	158	-1.2	1.8
New Jersey	1.51	171	1.02	184	.95	179	.86	179	10.6	.1
New York	1.41	161	1.38	161	1.41	163	1.44	162	-1.7	.9
Pennsylvania	1.82	165	1.82	157	1.80	160	1.85	156	-2.8	2.5
East North Central	1.67	152	1.70	159	1.71	158	1.70	159	.7	-.9
Illinois	2.06	167	1.94	185	1.94	180	1.98	184	-1.6	-2.0
Indiana	1.88	137	2.10	139	1.97	140	1.97	141	.1	-.7
Michigan	.58	154	.60	161	.62	166	.61	165	1.0	.4
Ohio	2.31	161	2.28	168	2.28	160	2.18	166	4.4	-3.4
Wisconsin	.92	139	.96	142	.90	143	.93	142	-3.3	.4
West North Central	1.11	109	1.11	116	1.09	115	1.11	116	-1.3	-.4
Iowa	1.06	137	1.16	138	.91	123	.89	124	2.2	-.9
Kansas	.45	121	.46	133	.45	126	.45	127	-.8	-.4
Minnesota	.56	111	.58	111	.53	128	.56	129	-4.2	-.3
Missouri	2.16	135	1.91	137	1.94	137	2.05	138	-5.6	-.6
Nebraska	.41	70	.41	74	.41	78	.41	79	-.6	-.2
North Dakota	1.16	69	1.17	69	1.28	71	1.22	69	4.6	4.0
South Dakota	1.40	112	.76	114	1.45	114	1.51	115	-3.8	-1.3
South Atlantic	1.24	178	1.22	177	1.24	178	1.24	177	-.4	.5
Delaware	.64	178	.72	187	.68	180	.73	184	-5.7	-1.9
Florida	1.39	195	1.36	193	1.34	197	1.35	193	-.3	2.0
Georgia	1.47	190	1.45	189	1.50	189	1.46	188	3.0	.7
Maryland	1.04	165	1.17	167	1.08	166	1.14	166	-7.0	.4
North Carolina	.76	184	.75	184	.75	184	.76	183	-1.3	.1
South Carolina	.91	164	.97	180	.96	174	.94	177	1.7	-2.1
Virginia	.79	156	.80	156	.81	160	.78	157	4.1	1.7
West Virginia	1.53	163	1.53	159	1.53	158	1.58	158	-2.8	.1
East South Central	1.65	147	1.81	149	1.74	146	1.87	151	-6.7	-3.1
Alabama	1.11	189	1.16	195	1.17	193	1.12	203	4.6	-4.6
Kentucky	2.29	119	2.49	118	2.34	120	2.60	120	-9.7	-.6
Mississippi	1.19	165	1.11	171	1.23	170	1.11	170	10.6	*
Tennessee	1.52	126	1.72	138	1.69	125	1.72	139	-1.8	-10.4
West South Central	.84	159	.87	154	.84	152	.85	150	-1.0	1.4
Arkansas	.36	157	.40	164	.37	161	.39	163	-5.9	-1.1
Louisiana	.63	156	.61	172	.59	166	.60	170	-2.4	-2.0
Oklahoma	.56	142	.55	137	.50	135	.51	141	-2.1	-4.6
Texas	1.03	164	1.06	152	1.04	151	1.03	146	1.5	3.4
Mountain	.57	115	.58	117	.55	116	.57	116	-2.1	.6
Arizona	.48	142	.47	139	.50	142	.46	144	6.9	-1.9
Colorado	.37	114	.38	107	.38	112	.39	108	-3.3	3.6
Montana	.82	64	.78	70	.77	67	.74	65	3.7	3.8
Nevada	.45	184	.50	146	.45	142	.47	151	-5.7	-5.9
New Mexico	.85	128	.86	139	.88	138	.87	131	1.0	5.5
Utah	.40	109	.42	129	.40	121	.43	116	-7.1	4.2
Wyoming	.58	86	.66	87	.60	87	.63	87	-4.6	.5
Pacific	.85	156	.70	136	.74	146	.85	154	-12.5	-5.1
Oregon	-	-	.39	107	.37	109	.37	109	.3	-.2
Washington	.85	156	.90	153	.83	155	.92	161	-10.5	-4.0
U.S. Total	1.27	149	1.29	151	1.27	149	1.29	150	-1.5	-.2

* For percentage calculations, the absolute value of the number is less than 0.05 percent.
Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Quality and Price of Spot Coal Receipts at Electric Utility Plants, October 1991

Census Division and State	October 1991		October 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.70	172	1.12	179	0.83	173	0.95	181	-12.5	-4.2
Connecticut	.40	175	-	-	.41	173	.42	192	-3.9	-10.0
Massachusetts	.76	171	1.12	179	.86	173	.92	180	-6.5	-4.1
New Hampshire	-	-	-	-	.93	176	1.32	181	-29.8	-2.7
Mid Atlantic	1.38	130	1.43	147	1.36	131	1.42	145	-4.2	-9.5
New Jersey	1.87	160	.54	184	.93	174	.81	189	16.1	-7.6
New York	1.36	145	1.37	167	1.29	153	1.43	160	-9.7	-4.5
Pennsylvania	1.38	119	1.50	133	1.41	119	1.44	138	-2.2	-13.9
East North Central	1.43	120	1.52	124	1.44	120	1.50	126	-3.7	-4.8
Illinois	1.63	125	1.58	124	1.28	127	1.58	130	-18.8	-3.0
Indiana	1.55	115	1.92	118	1.54	121	1.79	119	-14.3	1.6
Michigan	.76	131	.77	139	.69	131	.73	147	-4.7	-10.9
Ohio	1.95	112	1.89	119	1.93	114	1.80	122	7.6	-6.9
Wisconsin	.72	132	.42	125	.73	121	.62	118	19.0	2.1
West North Central	.77	102	.93	103	.97	105	1.13	107	-14.1	-1.6
Iowa	.48	88	.61	88	.51	87	.67	93	-23.4	-6.3
Kansas	1.03	109	1.11	104	1.32	109	1.75	116	-24.8	-5.8
Minnesota	.40	135	.82	114	.72	134	.82	115	-12.2	16.1
Missouri	1.00	113	1.32	127	1.31	128	1.51	125	-13.2	2.1
Nebraska	.39	71	.37	68	.42	65	.43	68	-3.3	-3.8
North Dakota	-	-	-	-	1.14	41	-	-	-	-
South Dakota	-	-	.41	114	-	-	.41	114	-	-
South Atlantic	1.26	133	1.12	145	1.11	139	1.18	145	-6.0	-3.8
Delaware	1.06	162	.94	159	1.06	167	.76	179	39.1	-6.2
Florida	1.68	136	1.62	149	1.62	143	1.69	150	-3.9	-4.8
Georgia	1.03	141	1.01	156	.85	147	1.20	156	-28.7	-5.9
Maryland	1.36	139	1.02	166	.89	148	1.11	162	-19.8	-8.6
North Carolina	.79	138	.78	143	.81	137	.77	151	4.8	-9.1
South Carolina	.98	142	.93	157	.93	145	.93	157	-.3	-7.5
Virginia	.77	141	.74	150	.75	142	.71	150	5.6	-5.7
West Virginia	2.11	101	1.46	114	1.60	109	1.34	114	19.6	-4.7
East South Central	1.31	121	1.42	123	1.44	121	1.52	122	-5.6	-.5
Alabama	1.11	133	1.44	127	1.18	133	1.69	127	-30.4	5.0
Kentucky	1.50	106	1.23	118	1.66	109	1.42	116	16.9	-5.9
Mississippi	1.33	149	2.18	144	1.79	141	1.99	147	-10.1	-4.0
Tennessee	1.31	113	1.57	124	1.41	122	1.47	122	-4.4	-.3
West South Central	.41	113	.55	137	.41	121	.55	126	-26.4	-4.3
Oklahoma	.44	100	1.04	146	.42	109	.68	122	-38.7	-11.1
Texas	.39	124	.42	134	.40	131	.46	129	-13.5	1.4
Mountain	.38	90	.42	92	.43	89	.45	88	-5.0	.3
Arizona	-	-	-	-	.50	161	.64	145	-21.7	11.0
Colorado	.35	101	.34	104	.37	93	.38	100	-2.1	-6.8
Nevada	-	-	-	-	-	-	.62	149	-	-
Utah	.39	111	.47	105	.41	107	.47	105	-13.4	1.9
Wyoming	.41	46	.50	67	.52	58	.50	66	3.2	-12.9
Pacific	.39	109	-	-	.36	108	.36	128	.5	-15.4
Oregon	.39	109	-	-	.36	108	-	-	-	-
Washington	-	-	-	-	-	-	.36	128	-	-
U.S. Total	1.19	121	1.24	127	1.19	123	1.29	129	-7.7	-5.0

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, October 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons).	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	524	233	816	181	390	163	1,730	193	1.07	14.3	-2.2	-6.9
Arizona	939	115	-	-	-	-	939	115	.47	-13.8	11.4	2.5
Colorado	1,144	131	-	-	-	-	1,144	131	.35	-11.3	-14.0	-4.3
Illinois	-	-	973	155	3,934	157	4,908	156	2.36	1.7	-1.4	-2.9
Indiana	41	138	239	119	2,131	123	2,411	123	2.26	-9.7	-3.9	-3.8
Iowa	-	-	-	-	7	165	7	165	5.60	40.0	-1.7	81.2
Kansas	-	-	-	-	36	127	36	127	2.87	-21.4	-1.7	4.4
Kentucky	1,468	165	5,453	162	3,077	124	9,998	151	1.39	-10.4	-2.2	-4.1
Louisiana	-	-	363	137	-	-	363	137	.86	12.7	7.9	8.2
Maryland	-	-	369	137	-	-	369	137	1.29	16.2	-8.8	.9
Missouri	-	-	-	-	203	152	203	152	4.07	1.2	-4.6	4.6
Montana	1,718	166	1,946	94	-	-	3,664	130	.57	-1.3	-3.5	-1.5
New Mexico	809	185	1,454	129	-	-	2,262	150	.71	9.4	-5.0	-3.9
North Dakota	-	-	1,840	73	72	75	1,912	73	1.19	12.9	2.4	3.1
Ohio	1	170	53	137	2,124	148	2,177	148	2.96	-18.3	1.4	2.0
Oklahoma	6	190	19	143	23	109	48	132	1.92	-40.9	-1.5	8.6
Pennsylvania	211	152	3,048	155	1,280	156	4,539	155	1.48	1.6	*	-2.2
Tennessee	15	135	197	129	46	114	258	127	1.03	-18.7	-5.5	-9.8
Texas	-	-	3,030	130	718	136	3,748	131	1.59	-11.6	9.9	1.2
Utah	1,128	121	-	-	-	-	1,128	121	.40	-14.4	1.9	-9.3
Virginia	280	176	1,167	165	-	-	1,447	167	.88	-10.6	-.9	-1.1
Washington	-	-	492	156	-	-	492	156	.85	33.0	2.1	-6.2
West Virginia	1,919	172	2,979	165	2,396	147	7,294	160	1.36	-7.0	.1	7.6
Wyoming	13,834	130	1,000	104	-	-	14,834	128	.43	-2.8	-2.7	-5.6
Imported	74	157	57	162	-	-	132	159	.53	54.3	-5.1	-13.0
U.S. Total	24,110	144	25,496	146	16,437	142	66,043	144	1.25	-4.5	-1.2	-2.0

* For percentage calculations, the absolute value of the number is less than 0.05 percent.
Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 15. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-October 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	4,220	254	7,393	185	2,908	169	14,522	203	1.06	4.8	-0.9	-4.1
Arizona	10,587	107	-	-	-	-	10,587	107	.46	13.8	-.7	1.1
Colorado	12,717	138	26	93	-	-	12,743	138	.37	-.5	-4.1	-3.3
Illinois	-	-	9,437	158	36,482	159	45,919	159	2.38	1.1	.1	-1.5
Indiana	566	149	2,476	131	19,583	129	22,624	129	2.27	-13.7	1.1	-1.1
Iowa	-	-	-	-	72	173	72	173	4.09	34.1	6.1	21.5
Kansas	-	-	-	-	334	133	334	133	2.84	-41.2	8.1	10.3
Kentucky	13,110	169	49,844	165	31,598	125	94,552	153	1.46	-13.0	-1.2	-2.1
Louisiana	-	-	2,592	134	-	-	2,592	134	.91	-4.7	1.2	15.1
Maryland	-	-	2,838	141	25	121	2,863	141	1.25	16.0	-8.3	-2.4
Missouri	-	-	-	-	1,668	181	1,668	181	3.99	-17.7	21.8	.9
Montana	13,674	182	17,113	106	-	-	30,787	142	.58	5.8	2.3	-1.3
New Mexico	4,643	182	12,628	146	-	-	17,271	156	.74	-11.0	3.7	.2
North Dakota	-	-	16,872	78	2,851	56	19,723	75	1.29	4.7	3.2	3.9
Ohio	10	161	505	138	23,596	146	24,110	146	2.95	-4.6	-2.2	3.5
Oklahoma	51	181	238	144	120	110	408	139	1.61	-50.2	.4	8.1
Pennsylvania	1,616	155	27,754	155	10,269	148	39,639	154	1.46	-7.9	-.6	-.5
Tennessee	87	130	2,104	131	526	118	2,717	128	1.12	-32.6	-11.9	-2.2
Texas	-	-	26,293	120	14,466	112	40,759	117	1.64	-.9	8.9	5.0
Utah	12,125	122	118	153	-	-	12,244	123	.40	-6.7	5.1	-8.0
Virginia	2,817	185	10,783	163	49	139	13,649	168	.89	-6.7	-.5	1.5
Washington	-	-	4,054	155	-	-	4,054	155	.83	2.5	-4.0	-10.4
West Virginia	20,190	171	29,261	162	20,699	146	70,150	160	1.30	-5.1	1.4	-1.0
Wyoming	142,717	134	10,091	102	118	119	152,926	132	.43	4.5	-1.4	-2.8
Imported	630	153	1,067	157	-	-	1,698	156	.59	58.4	-10.7	-3.0
U.S. Total	239,760	146	233,486	148	165,364	141	638,610	145	1.26	-3.1	-.3	-2.4

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	20,306	18,641	81.0	76.6	1.17	1.25	182	185
Alabama	14,482	13,647	84.1	93.1	1.06	1.10	203	205
Illinois	894	416	91.5	-	1.65	2.03	127	112
Indiana	-	459	-	-	-	2.05	-	117
Kentucky	2,632	2,696	75.9	38.2	1.87	1.87	127	135
Ohio	158	493	100.0	95.0	1.72	2.00	118	117
Tennessee	898	708	57.9	11.3	.85	.65	130	124
West Virginia	1,301	4	63.3	-	.90	.51	140	151
Wyoming	-	216	-	-	-	.44	-	170
Arizona	13,955	13,048	98.5	99.8	.50	.47	142	144
Arizona	6,436	5,948	100.0	100.0	.46	.44	102	100
Colorado	673	841	100.0	100.0	.31	.33	169	174
New Mexico	6,845	6,259	96.9	99.7	.56	.52	181	187
Arkansas	10,368	8,801	100.0	100.0	.37	.39	161	163
Wyoming	10,368	8,801	100.0	100.0	.37	.39	161	163
Colorado	12,894	12,845	82.7	84.9	.38	.39	109	107
Colorado	8,390	8,327	73.5	76.8	.38	.39	108	108
Wyoming	4,504	4,517	100.0	100.0	.37	.39	110	105
Connecticut	697	814	88.7	90.5	.41	.41	214	212
Kentucky	697	814	88.7	90.5	.41	.41	214	212
Delaware	1,624	1,797	82.1	75.8	.75	.73	178	182
Kentucky	52	117	100.0	14.2	.65	.52	174	194
Maryland	15	21	-	100.0	1.21	1.11	141	141
Pennsylvania	345	286	33.1	36.8	1.11	1.04	168	163
Virginia	76	227	80.8	51.7	.88	.71	202	195
West Virginia	1,135	1,146	97.4	96.1	.63	.68	180	184
Florida	20,558	20,400	80.0	80.6	1.40	1.41	186	185
Illinois	3,850	3,531	93.7	98.5	2.39	2.42	211	208
Indiana	153	373	-	-	2.65	2.86	111	108
Kentucky	12,356	12,984	79.2	76.9	1.27	1.30	180	179
Ohio	240	-	-	-	2.98	-	164	-
Pennsylvania	3	-	-	-	1.12	-	128	-
Tennessee	131	101	100.0	100.0	.92	.85	218	214
Virginia	751	817	94.5	89.0	.62	.58	227	236
West Virginia	1,603	1,773	93.7	87.7	.92	.89	196	184
Imported coal Colombia	1,428	782	49.3	78.3	.62	.62	154	172
Imported coal Venezuela	42	40	-	-	.43	.63	127	171
Georgia	21,333	23,436	74.9	69.1	1.34	1.38	179	178
Alabama	39	215	-	-	1.94	1.66	140	155
Illinois	4,177	4,131	100.0	94.7	2.51	2.52	207	196
Indiana	52	-	64.8	-	2.03	-	139	-
Kentucky	10,923	12,336	76.4	68.5	1.23	1.28	164	169
Ohio	-	46	-	-	-	2.28	-	142
Tennessee	39	1,179	-	44.9	1.54	1.10	152	183
Virginia	2,806	2,836	77.5	73.4	1.05	1.06	177	174
West Virginia	2,089	1,216	59.9	99.3	.54	.58	218	247
Wyoming	1,207	1,476	-	-	.41	.37	153	157
Illinois	22,846	22,108	85.0	85.5	1.84	1.91	172	176
Colorado	315	11	-	-	.39	.40	145	156
Illinois	13,360	13,032	91.4	90.0	2.70	2.72	141	146
Indiana	1,403	1,554	60.3	73.8	1.31	1.61	134	125
Kentucky	1,213	1,820	72.0	44.1	.57	.81	166	156
Montana	2,731	2,333	100.0	100.0	.37	.39	277	290
New Mexico	-	211	-	47.4	-	.46	-	166
Tennessee	10	95	100.0	100.0	.59	.56	149	169
West Virginia	626	193	33.9	21.5	.55	.52	151	157
Wyoming	3,187	2,859	79.7	92.7	.40	.43	262	286
Indiana	37,809	41,547	82.1	82.8	1.89	1.94	137	137
Colorado	689	457	-	100.0	.39	.39	170	301
Illinois	7,151	8,174	88.2	86.3	2.41	2.42	161	159
Indiana	15,836	17,968	80.6	80.6	2.39	2.41	125	125
Kentucky	3,796	3,917	91.2	91.0	2.39	2.42	129	132
Montana	633	563	100.0	57.9	.36	.39	280	231
Ohio	32	47	-	-	2.28	2.25	137	125
Virginia	17	55	-	-	.40	.58	163	164
West Virginia	183	332	-	61.3	.55	.55	156	201
Wyoming	9,472	10,033	83.1	83.1	.40	.39	128	128
Iowa	13,676	13,181	72.3	68.9	.80	.82	113	114
Illinois	1,298	1,122	94.5	91.3	2.35	2.49	178	169

See footnotes at end of table.

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Iowa								
Indiana	806	901	90.2	66.9	2.27	2.25	133	135
Iowa	72	54	100.0	100.0	4.09	3.36	173	163
Kentucky	1	25	-	-	2.49	2.75	147	132
Wyoming	11,497	11,079	68.4	66.8	.41	.43	101	105
Kansas	11,891	13,139	81.2	84.5	.63	.69	123	125
Colorado	-	178	-	94.2	-	.33	-	118
Illinois	1,114	1,172	18.5	16.7	2.26	2.51	151	146
Kansas	87	226	56.4	-	2.43	2.41	121	121
Wyoming	10,691	11,563	88.0	92.8	.39	.41	119	122
Kentucky	25,221	29,966	82.0	71.9	2.22	2.25	118	119
Illinois	15	91	-	88.6	2.39	1.59	100	135
Indiana	2,004	2,211	80.5	64.3	2.34	2.41	107	111
Kentucky	19,169	24,075	82.6	75.7	2.47	2.45	117	118
Ohio	268	233	74.7	55.8	2.20	2.40	147	147
Pennsylvania	-	12	-	12.4	-	2.05	-	113
Tennessee	513	518	93.5	84.9	1.79	2.08	115	120
Virginia	-	60	-	100.0	-	.58	-	158
West Virginia	2,747	2,553	75.1	40.5	.68	.62	130	129
Wyoming	506	213	100.0	65.2	1.42	.40	124	123
Louisiana	9,950	9,433	100.0	100.0	.59	.60	166	170
Louisiana	2,592	2,719	100.0	100.0	.91	.79	134	133
West Virginia	128	178	100.0	100.0	.45	.51	161	205
Wyoming	7,231	6,535	100.0	100.0	.50	.54	176	181
Maryland	7,442	8,430	82.5	76.0	1.03	1.13	163	165
Kentucky	269	367	87.0	77.7	.50	.58	156	160
Maryland	1,114	1,451	80.7	45.7	1.16	1.24	173	171
Ohio	7	-	-	-	1.57	-	167	-
Pennsylvania	1,875	2,121	97.6	91.7	1.46	1.48	177	179
Virginia	-	14	-	-	-	.49	-	184
West Virginia	4,177	4,477	76.0	67.1	.83	.98	155	156
Massachusetts	3,505	3,449	80.7	68.7	.93	.96	173	173
Kentucky	1	49	100.0	-	.58	.75	175	180
Maryland	-	40	-	-	-	.75	-	185
Pennsylvania	385	804	-	28.5	1.11	1.08	175	174
Virginia	974	1,154	75.2	92.1	.78	.95	176	175
West Virginia	2,096	1,267	97.7	85.0	.98	.98	172	168
Imported coal Colombia	-	64	-	-	-	.61	-	179
Imported coal Venezuela	49	70	100.0	-	.59	.48	167	181
Michigan	24,534	24,678	85.9	78.9	.63	.63	161	161
Indiana	107	148	78.2	59.3	2.18	2.47	160	159
Kentucky	5,152	6,166	87.7	71.3	.76	.74	179	178
Montana	9,750	9,315	99.0	97.1	.39	.37	154	150
Ohio	119	157	93.3	83.4	2.65	2.77	203	193
Pennsylvania	1,489	1,652	81.9	70.6	1.29	1.10	152	159
Virginia	-	113	-	100.0	-	1.09	-	186
West Virginia	5,488	5,149	81.2	75.5	.65	.67	169	170
Wyoming	2,428	1,979	42.8	32.7	.35	.34	112	111
Minnesota	13,460	13,758	97.5	93.6	.54	.57	128	128
Illinois	40	43	100.0	100.0	1.48	1.32	160	160
Indiana	75	68	-	12.7	1.51	1.80	154	156
Kentucky	-	8	-	56.6	-	.91	-	189
Montana	7,508	7,665	96.8	89.9	.70	.76	135	134
North Dakota	1	1	100.0	100.0	1.17	.87	178	174
Pennsylvania	8	3	57.9	100.0	1.09	1.02	178	176
West Virginia	-	2	-	100.0	-	.95	-	169
Wyoming	5,828	5,968	99.6	99.3	.31	.31	119	119
Mississippi	3,095	3,330	92.6	75.3	1.27	1.32	168	165
Illinois	1,150	957	98.0	90.1	2.14	2.03	148	151
Indiana	-	23	-	-	-	4.17	-	128
Kentucky	1,922	2,350	90.5	70.1	.76	1.01	180	171
Montana	23	-	-	-	.31	-	175	-
Missouri	21,116	20,156	77.8	78.7	1.80	1.94	135	135
Colorado	300	196	100.0	100.0	.40	.40	159	159
Illinois	10,459	10,158	83.3	83.5	2.20	2.21	150	152
Indiana	104	115	46.4	100.0	3.17	2.90	133	122
Kansas	248	342	22.9	8.8	3.00	2.69	137	124
Kentucky	694	972	92.8	97.7	2.56	2.56	126	123
Missouri	1,668	2,026	98.9	97.5	3.99	3.96	181	149

See footnotes at end of table.

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Missouri								
New Mexico	8	18	-	-	0.42	0.34	167	135
Ohio	-	24	-	-	-	2.10	-	171
Oklahoma	-	36	-	100.0	-	3.64	-	138
Wyoming	7,635	6,269	65.7	64.9	.42	.43	96	97
Montana	8,415	7,610	100.0	100.0	.77	.74	67	65
Montana	8,415	7,610	100.0	100.0	.77	.74	67	65
Nebraska	7,417	6,815	78.5	75.8	.41	.42	76	76
Wyoming	7,417	6,815	78.5	75.8	.41	.42	76	76
Nevada	6,563	6,181	100.0	99.9	.45	.47	142	151
Arizona	4,150	3,356	100.0	100.0	.45	.48	115	122
Utah	2,115	2,316	100.0	99.6	.43	.47	185	180
Wyoming	298	508	100.0	100.0	.46	.45	198	203
New Hampshire	1,074	1,009	85.8	80.1	1.04	1.46	175	178
Kentucky	-	17	-	-	-	.68	-	201
Pennsylvania	652	127	100.0	100.0	1.12	1.06	177	179
West Virginia	243	749	37.2	80.0	1.27	1.68	173	175
Imported coal Canada	-	34	-	-	-	.97	-	181
Imported coal Venezuela	179	81	100.0	100.0	.40	.39	174	189
New Jersey	1,720	2,425	91.6	88.3	.95	.85	178	180
Kentucky	25	31	-	-	.61	.62	170	190
Ohio	-	14	-	-	-	1.66	-	203
Pennsylvania	15	26	-	-	1.87	.95	160	189
Virginia	599	853	99.5	98.3	.58	.58	178	177
West Virginia	1,081	1,501	90.6	86.8	1.17	1.02	179	181
New Mexico	10,336	12,864	100.0	100.0	.88	.87	138	131
New Mexico	10,336	12,864	100.0	100.0	.88	.87	138	131
New York	7,771	8,783	64.9	67.0	1.37	1.43	160	161
Kentucky	596	524	95.8	94.1	.41	.39	211	210
Maryland	18	23	-	-	1.42	1.33	151	169
Ohio	-	38	-	-	-	1.55	-	160
Pennsylvania	4,194	4,546	45.7	47.7	1.40	1.45	152	156
West Virginia	2,953	3,652	86.7	88.2	1.53	1.56	160	160
Wyoming	9	-	-	-	.43	-	191	-
North Carolina	14,764	16,580	90.7	84.3	.75	.76	179	178
Kentucky	6,878	8,175	90.4	80.8	.75	.78	185	183
Virginia	3,481	3,749	98.0	97.1	.86	.84	171	168
West Virginia	4,404	4,656	85.5	80.2	.66	.65	177	177
North Dakota	17,814	17,196	98.4	100.0	1.28	1.22	71	69
North Dakota	17,814	17,196	98.4	100.0	1.28	1.22	71	69
Ohio	40,898	42,893	74.6	66.5	2.19	2.05	149	151
Illinois	-	24	-	-	-	2.57	-	117
Indiana	-	59	-	-	-	2.91	-	109
Kentucky	6,850	8,157	67.9	46.8	.97	.99	159	156
Ohio	21,749	21,141	77.5	70.3	2.94	2.81	147	153
Pennsylvania	2,287	2,744	61.8	59.5	1.63	1.72	138	140
Virginia	18	-	-	-	.63	-	143	-
West Virginia	9,956	10,767	76.4	76.1	1.57	1.49	148	148
Wyoming	34	-	-	-	.36	-	144	-
Oklahoma	13,139	11,994	89.1	89.3	.49	.54	132	139
Oklahoma	408	784	87.6	27.1	1.61	1.39	139	138
Wyoming	12,731	11,210	89.2	93.6	.44	.45	132	139
Oregon	1,492	627	60.2	100.0	.37	.37	109	109
Wyoming	1,492	627	60.2	100.0	.37	.37	109	109
Pennsylvania	34,883	36,413	83.7	77.8	1.74	1.76	153	152
Kentucky	15	-	100.0	-	1.06	-	177	-
Ohio	806	1,688	99.9	97.0	3.27	3.36	160	151
Pennsylvania	25,904	28,770	79.3	71.5	1.49	1.50	153	153
West Virginia	8,158	7,956	96.1	96.5	2.35	2.36	152	146
South Carolina	7,549	7,867	69.3	73.2	.95	.94	165	172
Kentucky	6,708	6,790	66.3	72.9	.94	.93	165	173
Tennessee	-	212	-	-	-	1.17	-	184
Virginia	781	842	94.0	93.6	1.09	.98	160	162
West Virginia	60	23	78.1	77.9	.78	.79	179	182
South Dakota	1,908	1,647	100.0	99.3	1.45	1.50	114	115
North Dakota	1,908	1,636	100.0	100.0	1.45	1.51	114	115
Wyoming	-	11	-	-	-	.41	-	114
Tennessee	15,534	17,801	95.4	79.3	1.68	1.67	125	136
Illinois	1,774	1,539	71.2	27.8	1.77	1.84	125	120

See footnotes at end of table.

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee								
Indiana	-	704	-	-	-	1.75	-	123
Kentucky	11,543	13,310	99.0	87.9	1.77	1.73	125	140
Tennessee	1,126	1,220	91.6	79.0	1.04	1.13	121	121
Virginia	1,092	1,018	100.0	100.0	1.38	1.38	130	131
West Virginia	-	10	-	100.0	-	.57	-	158
Texas	70,773	70,346	97.6	97.1	1.03	1.01	151	146
Colorado	1,379	1,523	75.8	69.0	.35	.38	213	206
Texas	40,759	41,142	100.0	99.8	1.64	1.56	117	108
Wyoming	28,635	27,680	95.3	94.5	.42	.44	182	184
Utah	11,125	12,080	88.1	88.1	.40	.44	119	115
Colorado	996	1,270	100.0	100.0	.42	.46	227	222
Utah	10,129	10,810	86.9	86.8	.40	.43	109	103
Virginia	7,012	6,738	62.7	67.4	.79	.75	153	155
Kentucky	2,250	2,163	54.5	62.5	.85	.81	152	158
Virginia	3,004	2,838	67.9	69.9	.74	.71	151	152
West Virginia	1,758	1,738	64.4	69.4	.78	.75	156	155
Washington	4,054	4,304	100.0	91.7	.83	.88	155	158
Washington	4,054	3,956	100.0	99.8	.83	.92	155	161
Wyoming	-	348	-	-	-	.35	-	127
West Virginia	23,625	27,933	87.7	75.5	1.54	1.52	152	147
Kentucky	436	684	92.4	83.0	.68	.82	203	179
Maryland	1,715	932	83.4	58.9	1.31	1.37	119	123
Ohio	730	1,390	85.7	53.7	3.31	3.30	95	96
Pennsylvania	821	472	57.5	25.0	1.69	1.63	117	114
West Virginia	19,923	24,454	89.2	78.1	1.51	1.44	157	151
Wisconsin	16,104	14,903	69.4	75.2	.85	.85	136	137
Illinois	637	1,038	67.6	77.3	1.32	1.77	151	143
Indiana	2,083	1,625	73.4	99.0	1.91	1.76	179	191
Kentucky	373	170	-	20.4	.87	.65	155	178
Montana	1,726	1,615	73.5	76.0	.71	.69	159	157
New Mexico	83	43	-	-	.45	.39	173	174
Pennsylvania	1,661	1,487	99.3	100.0	1.32	1.28	157	157
Virginia	49	53	-	-	.57	.57	173	175
West Virginia	39	133	-	-	1.54	1.24	167	164
Wyoming	9,452	8,739	66.6	69.2	.40	.41	111	111
Wyoming	18,303	18,884	87.9	84.3	.59	.61	84	84
Wyoming	18,303	18,884	87.9	84.3	.59	.61	84	84
U.S. Total	638,610	658,848	85.8	82.6	1.26	1.29	145	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	14,522	13,862	83.9	91.7	1.06	1.10	203	204
Alabama	14,482	13,647	84.1	93.1	1.06	1.10	203	205
Georgia	39	215	-	-	1.94	1.66	140	155
Arizona	10,587	9,304	100.0	100.0	.46	.45	107	108
Arizona	6,436	5,948	100.0	100.0	.46	.44	102	100
Nevada	4,150	3,356	100.0	100.0	.45	.48	115	122
Colorado	12,743	12,803	72.0	81.0	.37	.39	138	144
Arizona	673	841	100.0	100.0	.31	.33	169	174
Colorado	8,390	8,327	73.5	76.8	.38	.39	108	108
Illinois	315	11	-	-	.39	.40	145	156
Indiana	689	457	-	100.0	.39	.39	170	301
Kansas	-	178	-	94.2	-	.33	-	118
Missouri	300	196	100.0	100.0	.40	.40	159	159
Texas	1,379	1,523	75.8	69.0	.35	.36	213	206
Utah	996	1,270	100.0	100.0	.42	.46	227	222
Illinois	45,919	45,427	87.4	83.9	2.38	2.42	159	159
Alabama	894	416	91.5	-	1.65	2.03	127	112
Florida	3,850	3,531	93.7	98.5	2.39	2.42	211	208
Georgia	4,177	4,131	100.0	94.7	2.51	2.52	207	196
Illinois	13,360	13,032	91.4	90.0	2.70	2.72	141	146
Indiana	7,151	8,174	88.2	86.3	2.41	2.42	161	159
Iowa	1,298	1,122	94.5	91.3	2.35	2.49	178	169
Kansas	1,114	1,172	18.5	16.7	2.26	2.51	151	146
Kentucky	15	91	-	88.6	2.39	1.59	100	135
Minnesota	40	43	100.0	100.0	1.48	1.32	160	180
Mississippi	1,150	957	98.0	90.1	2.14	2.03	148	151
Missouri	10,459	10,158	83.3	83.5	2.20	2.21	150	152
Ohio	-	24	-	-	-	2.57	-	117
Tennessee	1,774	1,539	71.2	27.8	1.77	1.84	125	120
Wisconsin	637	1,038	67.6	77.3	1.32	1.77	151	143
Indiana	22,624	26,210	78.0	74.3	2.27	2.30	129	128
Alabama	-	459	-	-	-	2.05	-	117
Florida	153	373	-	-	2.65	2.86	111	108
Georgia	52	-	64.8	-	2.03	-	139	-
Illinois	1,403	1,554	60.3	73.8	1.31	1.61	134	125
Indiana	15,836	17,968	80.6	80.6	2.39	2.41	125	125
Iowa	806	901	90.2	66.9	2.27	2.25	133	135
Kentucky	2,004	2,211	80.5	64.3	2.34	2.41	107	111
Michigan	107	148	78.2	59.3	2.18	2.47	160	159
Minnesota	75	68	-	12.7	1.51	1.80	154	156
Mississippi	-	23	-	-	-	4.17	-	126
Missouri	104	115	46.4	100.0	3.17	2.90	133	122
Ohio	-	59	-	-	-	2.91	-	109
Tennessee	-	704	-	-	-	1.75	-	123
Wisconsin	2,083	1,625	73.4	99.0	1.91	1.76	179	191
Iowa	72	54	100.0	100.0	4.09	3.36	173	163
Iowa	72	54	100.0	100.0	4.09	3.36	173	163
Kansas	334	568	31.5	5.3	2.84	2.58	133	123
Kansas	87	226	56.4	-	2.43	2.41	121	121
Missouri	248	342	22.9	8.8	3.00	2.69	137	124
Kentucky	94,552	108,719	81.5	73.2	1.46	1.49	153	155
Alabama	2,632	2,696	75.9	38.2	1.87	1.87	127	135
Connecticut	697	814	88.7	90.5	.41	.41	214	212
Delaware	52	117	100.0	14.2	.65	.52	174	194
Florida	12,356	12,984	79.2	76.9	1.27	1.30	180	179
Georgia	10,923	12,336	76.4	68.5	1.23	1.28	164	169
Illinois	1,213	1,820	72.0	44.1	.57	.81	166	156
Indiana	3,796	3,917	91.2	91.0	2.39	2.42	129	132
Iowa	1	25	-	-	2.49	2.75	147	132
Kentucky	19,169	24,075	82.6	75.7	2.47	2.45	117	118
Maryland	269	367	87.0	77.7	.50	.56	156	160
Massachusetts	1	49	100.0	-	.58	.75	175	180
Michigan	5,152	6,166	87.7	71.3	.76	.74	179	178
Minnesota	-	8	-	56.6	-	.91	-	189
Mississippi	1,922	2,350	90.5	70.1	.76	1.01	180	171
Missouri	694	972	92.8	97.7	2.56	2.56	126	123
New Hampshire	-	17	-	-	-	.68	-	201
New Jersey	25	31	-	-	.61	.62	170	190
New York	596	524	95.8	94.1	.41	.39	211	210

See footnotes at end of table.

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky								
North Carolina	6,878	8,175	90.4	80.8	0.75	0.78	185	183
Ohio	6,850	8,157	67.9	46.8	.97	.99	159	156
Pennsylvania	15	-	100.0	-	1.06	-	177	-
South Carolina	6,708	6,790	66.3	72.9	.94	.93	165	173
Tennessee	11,543	13,310	99.0	87.9	1.77	1.73	125	140
Virginia	2,250	2,163	54.5	62.5	.85	.81	152	158
West Virginia	436	684	92.4	83.0	.68	.82	203	179
Wisconsin	373	170	-	20.4	.87	.65	155	178
Louisiana	2,592	2,719	100.0	100.0	.91	.79	134	133
Louisiana	2,592	2,719	100.0	100.0	.91	.79	134	133
Maryland	2,863	2,467	81.4	50.0	1.25	1.28	141	154
Delaware	15	21	-	100.0	1.21	1.11	141	141
Maryland	1,114	1,451	80.7	45.7	1.16	1.24	173	171
Massachusetts	-	40	-	-	-	.75	-	185
New York	18	23	-	-	1.42	1.33	151	169
West Virginia	1,715	932	83.4	58.9	1.31	1.37	119	123
Missouri	1,668	2,026	98.9	97.5	3.99	3.96	181	149
Missouri	1,668	2,026	98.9	97.5	3.99	3.96	181	149
Montana	30,787	29,102	97.3	94.3	.58	.58	142	139
Illinois	2,731	2,333	100.0	100.0	.37	.39	277	290
Indiana	633	563	100.0	57.9	.36	.39	280	231
Michigan	9,750	9,315	99.0	97.1	.39	.37	154	150
Minnesota	7,508	7,665	96.8	89.9	.70	.76	135	134
Mississippi	23	-	-	-	.31	-	175	-
Montana	8,415	7,610	100.0	100.0	.77	.74	67	65
Wisconsin	1,726	1,615	73.5	76.0	.71	.69	159	157
New Mexico	17,271	19,396	98.2	99.0	.74	.74	156	151
Arizona	6,845	6,259	96.9	99.7	.56	.52	181	187
Illinois	-	211	-	47.4	-	.46	-	166
Missouri	8	18	-	-	.42	.34	167	135
New Mexico	10,336	12,864	100.0	100.0	.88	.87	138	131
Wisconsin	83	43	-	-	.45	.39	173	174
North Dakota	19,723	18,833	98.6	100.0	1.29	1.25	75	72
Minnesota	1	1	100.0	100.0	1.17	.87	178	174
North Dakota	17,814	17,196	98.4	100.0	1.28	1.22	71	69
South Dakota	1,908	1,636	100.0	100.0	1.45	1.51	114	115
Ohio	24,110	25,272	77.8	71.1	2.85	2.85	146	149
Alabama	158	493	100.0	95.0	1.72	2.00	118	117
Florida	240	-	-	-	2.98	-	164	-
Georgia	-	46	-	-	-	2.28	-	142
Indiana	32	47	-	-	2.28	2.25	137	125
Kentucky	268	233	74.7	55.8	2.20	2.40	147	147
Maryland	7	-	-	-	1.57	-	167	-
Michigan	119	157	93.3	83.4	2.65	2.77	203	193
Missouri	-	24	-	-	-	2.10	-	171
New Jersey	-	14	-	-	-	1.66	-	203
New York	-	38	-	-	-	1.55	-	160
Ohio	21,749	21,141	77.5	70.3	2.94	2.81	147	153
Pennsylvania	806	1,688	99.9	97.0	3.27	3.36	160	151
West Virginia	730	1,390	85.7	53.7	3.31	3.30	95	96
Oklahoma	408	821	87.6	30.3	1.61	1.49	139	138
Missouri	-	36	-	100.0	-	3.64	-	138
Oklahoma	408	784	87.6	27.1	1.61	1.39	139	138
Pennsylvania	39,639	43,051	75.2	68.7	1.46	1.47	154	154
Delaware	345	286	33.1	36.8	1.11	1.04	168	163
Florida	3	-	-	-	1.12	-	128	-
Kentucky	-	12	-	12.4	-	2.05	-	113
Maryland	1,875	2,121	97.6	91.7	1.46	1.48	177	179
Massachusetts	385	804	-	28.5	1.11	1.08	175	174
Michigan	1,489	1,652	81.9	70.6	1.29	1.10	152	159
Minnesota	8	3	57.9	100.0	1.09	1.02	178	176
New Hampshire	652	127	100.0	100.0	1.12	1.08	177	179
New Jersey	15	26	-	-	1.87	.95	160	189
New York	4,194	4,546	45.7	47.7	1.40	1.45	152	156
Ohio	2,287	2,744	61.8	59.5	1.63	1.72	138	140
Pennsylvania	25,904	28,770	79.3	71.5	1.49	1.50	153	153
West Virginia	821	472	57.5	25.0	1.69	1.63	117	114
Wisconsin	1,661	1,487	99.3	100.0	1.32	1.28	157	157

See footnotes at end of table.

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee	2,717	4,033	80.0	54.8	1.12	1.14	128	146
Alabama	898	708	57.9	11.3	.85	.65	130	124
Florida	131	101	100.0	100.0	.92	.85	218	214
Georgia	39	1,179	-	44.9	1.54	1.10	152	183
Illinois	10	95	100.0	100.0	.59	.56	149	169
Kentucky	513	518	93.5	84.9	1.79	2.08	115	120
South Carolina	-	212	-	-	-	1.17	-	164
Tennessee	1,126	1,220	91.6	79.0	1.04	1.13	121	121
Texas	40,759	41,142	100.0	99.8	1.64	1.56	117	108
Texas	40,759	41,142	100.0	99.8	1.64	1.56	117	108
Utah	12,244	13,126	89.2	89.0	.40	.44	123	117
Nevada	2,115	2,316	100.0	99.6	.43	.47	185	180
Utah	10,129	10,810	86.9	86.8	.40	.43	109	103
Virginia	13,649	14,629	84.7	85.0	.89	.88	168	169
Delaware	76	227	80.8	51.7	.88	.71	202	195
Florida	751	817	94.5	89.0	.62	.58	227	236
Georgia	2,806	2,836	77.5	73.4	1.05	1.06	177	174
Indiana	17	55	-	-	.40	.58	163	164
Kentucky	-	60	-	100.0	-	.58	-	158
Maryland	-	14	-	-	-	.49	-	184
Massachusetts	974	1,154	75.2	92.1	.78	.95	176	175
Michigan	-	113	-	100.0	-	1.09	-	186
New Jersey	599	853	99.5	98.3	.58	.58	178	177
North Carolina	3,481	3,749	98.0	97.1	.86	.84	171	168
Ohio	18	-	-	-	.63	-	143	-
South Carolina	781	842	94.0	93.6	1.09	.98	160	162
Tennessee	1,092	1,018	100.0	100.0	1.36	1.38	130	131
Virginia	3,004	2,838	67.9	69.9	.74	.71	151	152
Wisconsin	49	53	-	-	.57	.57	173	175
Washington	4,054	3,956	100.0	99.8	.83	.92	155	161
Washington	4,054	3,956	100.0	99.8	.83	.92	155	161
West Virginia	70,150	73,927	83.5	78.9	1.30	1.31	160	158
Alabama	1,301	4	63.3	-	.90	.51	140	151
Delaware	1,135	1,146	97.4	96.1	.63	.68	180	184
Florida	1,603	1,773	93.7	87.7	.92	.89	196	184
Georgia	2,089	1,216	59.9	99.3	.54	.56	218	247
Illinois	626	193	33.9	21.5	.55	.52	151	157
Indiana	183	332	-	61.3	.55	.55	156	201
Kentucky	2,747	2,553	75.1	40.5	.68	.62	130	129
Louisiana	128	178	100.0	100.0	.45	.51	161	205
Maryland	4,177	4,477	76.0	67.1	.83	.98	155	156
Massachusetts	2,096	1,267	97.7	85.0	.98	.96	172	168
Michigan	5,488	5,149	81.2	75.5	.65	.67	169	170
Minnesota	-	2	-	100.0	-	.95	-	169
New Hampshire	243	749	37.2	80.0	1.27	1.68	173	175
New Jersey	1,081	1,501	90.6	86.8	1.17	1.02	179	181
New York	2,953	3,652	86.7	88.2	1.53	1.56	160	160
North Carolina	4,404	4,656	85.5	80.2	.66	.65	177	177
Ohio	9,958	10,767	76.4	76.1	1.57	1.49	148	148
Pennsylvania	8,158	7,956	96.1	96.5	2.35	2.36	152	146
South Carolina	60	23	78.1	77.9	.78	.79	179	182
Tennessee	-	10	-	100.0	-	.57	-	158
Virginia	1,758	1,738	64.4	69.4	.78	.75	156	155
West Virginia	19,923	24,454	89.2	78.1	1.51	1.44	157	151
Wisconsin	39	133	-	-	1.54	1.24	167	164
Wyoming	152,926	146,328	85.1	85.2	.43	.44	132	134
Alabama	-	216	-	-	-	.44	-	170
Arkansas	10,368	8,801	100.0	100.0	.37	.39	161	163
Colorado	4,504	4,517	100.0	100.0	.37	.39	110	105
Georgia	1,207	1,476	-	-	.41	.37	153	157
Illinois	3,187	2,859	79.7	92.7	.40	.43	262	286
Indiana	9,472	10,033	83.1	83.1	.40	.39	128	128
Iowa	11,497	11,079	68.4	66.8	.41	.43	101	105
Kansas	10,691	11,563	88.0	92.8	.39	.41	119	122
Kentucky	506	213	100.0	65.2	1.42	.40	124	123
Louisiana	7,231	6,535	100.0	100.0	.50	.54	176	181
Michigan	2,428	1,979	42.8	32.7	.35	.34	112	111
Minnesota	5,828	5,968	99.6	99.3	.31	.31	119	119
Missouri	7,635	6,269	65.7	64.9	.42	.43	96	97

See footnotes at end of table.

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Wyoming								
Nebraska	7,417	6,815	78.5	75.8	0.41	0.42	76	76
Nevada	298	508	100.0	100.0	.46	.45	198	203
New York	9	-	-	-	.43	-	191	-
Ohio	34	-	-	-	.36	-	144	-
Oklahoma	12,731	11,210	89.2	93.6	.44	.45	132	139
Oregon	1,492	627	60.2	100.0	.37	.37	109	109
South Dakota	-	11	-	-	-	.41	-	114
Texas	28,635	27,680	95.3	94.5	.42	.44	182	184
Washington	-	348	-	-	-	.35	-	127
Wisconsin	9,452	8,739	66.6	69.2	.40	.41	111	111
Wyoming	18,303	18,884	87.9	84.3	.59	.61	84	84
Imported Coal	1,698	1,071	54.9	64.8	.59	.61	156	174
Canada	-	34	-	-	-	.97	-	181
New Hampshire	-	34	-	-	-	.97	-	181
Colombia	1,428	847	49.3	72.4	.62	.62	154	172
Florida	1,428	782	49.3	78.3	.62	.62	154	172
Massachusetts	-	64	-	-	-	.61	-	179
Venezuela	269	191	84.3	42.5	.44	.47	165	183
Florida	42	40	-	-	.43	.63	127	171
Massachusetts	49	70	100.0	-	.59	.48	167	181
New Hampshire	179	81	100.0	100.0	.40	.39	174	189
U.S. Total	638,610	658,848	85.8	82.6	1.26	1.29	145	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Methodology

Weekly Data

Estimates of national weekly coal production are based on weekly carload data collected by the Association of American Railroads (AAR) from its members (Class I Railroads) and certain other railroads. EIA calculates the average number of tons per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. The average number of tons per carload is then multiplied by the number of cars loaded to obtain an estimate of weekly production shipped by AAR railroads.

Next, the weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production. Because this is done on a weekly basis, and prior to completion of current quarterly statistics, the factor is derived using ICC data on tons per carload and total carloadings and from EIA data on total production for the same quarter of the previous year. Figures for the same quarter of the year are used in order to reflect seasonal variation. In some cases, the ratio of rail tonnage to total production is adjusted to take additional, more current information into consideration, such as rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, this total is split into two subtotals - the portion representing States, with little or no rail coal shipments, and the portion representing the remaining States, where a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, California, Georgia, Iowa, Kansas, Louisiana, Missouri, Texas, and Washington. With the exception of California and Louisiana, the weekly production data for each "nonrail" State are developed by multiplying the estimate of U.S. weekly coal production by the ratio of projected production, for each State to U.S. total projected production, for the current quarter. The methodology used to project State coal production is given in the EIA publication *Model Documentation of the Short-Term Coal Analysis System* (DOE/EIA-0394). The EIA contacts the sole producer in Louisiana and California to obtain weekly production data.

Estimates for the remaining States are in aggregate equal to the U.S. weekly coal production minus the estimated production from the nonrail States. Estimates for "rail States" are based on the AAR carload data compiled by State of origin, including separate estimates for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky and northern and southern West Virginia.

Each railroad is contacted at least annually for information concerning the distribution (by state of origin) of its railroad carloadings of coal. These distribution percentages are multiplied by the railroad's weekly loadings and ICC derived tonnage per carload figures, to derive the weekly tonnages loaded by State and by railroad. The tonnages loaded by the various railroads are then summed by each State to estimate total production shipped by AAR rail for that State. These tonnages are divided by the most recent ratio of annual AAR rail tonnage to total annual production for each State. The resulting weekly coal production estimates for the rail States are then adjusted to ensure that each State's production figure contributes proportionately to the weekly coal production estimate previously derived in aggregate for the rail States.

Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the *Weekly Coal Production* report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is Sunday and the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data, become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

Quarterly Data

Estimates of quarterly coal production are based on data collected quarterly on Form EIA-6, with certain adjustments. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production total as reported on the Form EIA-6. Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of

the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

Finalizing Annual Production

Preliminary total annual U.S. coal production, as reported in the *Weekly Coal Production* report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates.

When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary fourth-quarter U.S. total production figure and corresponding State-level figures may or may not be revised, depending on the size of the difference between the estimates and fourth-quarter data. As a general practice, EIA does not revise the initial annual production estimates (determined initially in January of the following year). Weekly, monthly, and quarterly State and national production data are adjusted to conform to finalized annual production figures derived from Form EIA-7A, in September of the following year.

Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.